PAIN

Pain 101 (2003) 315–316

www.elsevier.nl/locate/pain

# Contents to Volume 101 (2003)

*Numbers 1,2 – January 2003*

**EDITORIAL**

Editorial
A.I. Basbaum (USA) 1

**RESEARCH PAPERS**

Vagus nerve stimulation in awake rats reduces formalin-induced nociceptive behaviour and fos-immunoreactivity in trigeminal nucleus caudalis
C. Bohotin, M. Scholsem, S. Multon, D. Martin, V. Bohotin, J. Schoenen (Belgium) 3
Modulation of inhibitory synaptic activity by a non-α4β2, non-α7 subtype of nicotinic receptors in the substantia gelatinosa of adult rat spinal cord
D. Takeda, T. Nakatsuka, R. Papke, J.G. Gu (USA) 13
Abnormal brain processing of cutaneous pain in patients with chronic migraine
M. de Tommaso, M. Valeriani, M. Guido, G. Libro, L.M. Specchio, P. Tonali, F. Puca (Italy) 25
Psychosocial factors associated with chronic pain in adolescents
V.P.B.M. Merlijn, J.A.M. Hunfeld, J.C. van der Wouden, A.A.J.M. Hazebroek-Kampschreur, B.W. Koes, J. Passchier (The Netherlands) 33
Gender differences in pain characteristics of chronic stable angina and perceived physical limitation in patients with coronary artery disease
L.P. Kimble, D.B. McGuire, S.B. Dunbar, S. Fazio, A. De, W.S. Weintraub, O.S. Strickland (USA) 45
Cancer breakthrough pain characteristics and responses to treatment at a VA medical center
S.S. Hwang, V.T. Chang, B. Kasimis (USA) 55
Contribution of injured and uninjured dorsal root ganglion neurons to pain behavior and the changes in gene expression following chronic constriction injury of the sciatic nerve in rats
K. Obata, H. Yamanaka, T. Fukuoka, D. Yi, A. Tokunaga, N. Hashimoto, H. Yoshikawa, K. Noguchi (Japan) 65
Impact of upper limb complex regional pain syndrome type 1 on everyday life measured with a novel upper limb-activity monitor
F.C. Schasfoort, J.B.J. Bussmann, A.M.A.J. Zandbergen, H.J. Stam (The Netherlands) 79
Analgesia from a peripherally active κ-opioid receptor agonist in patients with chronic pancreatitis
J.C. Eisenach, R. Carpenter, R. Curry (USA) 89
Thalamic field potentials in chronic central pain treated by periventricular gray stimulation – a series of eight cases
D. Nandi, T. Aziz, H. Carter, J. Stein (UK) 97
Powerful antinociceptive effects of the cone snail venom-derived subtype-selective NMDA receptor antagonists conantokins G and T
A.B. Malmberg, H. Gilbert, R.T. McCabe, A.I. Basbaum (USA) 109
Functional plasticity in the human primary somatosensory cortex following acute lesion of the anterior lateral spinal cord: neurophysiological evidence of short-term cross-modal plasticity
T. Rosso, S.M. Aglioti, G. Zanette, S. Ischia, G. Finco, S. Farina, A. Fiaschi, M. Tinazzi (Italy) 117
Characterization of the analgesic actions of adenosine: comparison of adenosine and remifentanil infusions in patients undergoing major surgical procedures
A.F. Fukunaga, G.E. Alexander, C.W. Stark (USA) 129
Spinal nerve injury activates prostaglandin synthesis in the spinal cord that contributes to early maintenance of tactile allodynia
M.P. Hefferan, P. Carter, M. Haley, C.W. Loomis (Canada) 139
Striatal dopamine D1 and D2 receptors in burning mouth syndrome
N. Hagelberg, H. Forssell, J.O. Rinne, H. Scheinin, T. Taiminen, S. Aalto, S. Luutonen, K. Någren, S. Jääskeläinen (Finland) 149
Age-related differences in endogenous pain modulation: a comparison of diffuse noxious inhibitory controls in healthy older and younger adults
R.R. Edwards, R.B. Fillingim, T.J. Ness (USA) 155
Diffuse noxious inhibitory controls (DNIC) attenuate temporal summation of second pain in normal males but not in normal females or fibromyalgia patients
R. Staud, M.E. Robinson, C.J. Vierck Jr, D.D. Price (USA) 167
Tumor implantation in mouse humerus evokes movement-related hyperalgesia exceeding that evoked by intramuscular carrageenan
P.W. Wacnik, L.J. Kehl, T.M. Trempe, M.L. Ramnaraine, A.J. Beitz, G.L. Wilcox (USA) 175
Pain phenomena and possible mechanisms in patients with painful polyneuropathy
M. Otto, S. Bak, F.W. Bach, T.S. Jensen, S.H. Sindrup (Denmark) 187
Immediate- or sustained-release morphine for dose finding during start of morphine to cancer patients: a randomized, double-blind trial
P. Klepstad, S. Kaasa, Å. Jystad, B. Hval, P.C. Borchgrevink (Norway) 193

Up-regulation and trafficking of δ opioid receptor in a model of chronic inflammation: implications for pain control
C.M. Cahill, A. Morinville, C. Hoffert, D. O'Donnell, A. Beaudet (Canada) 199

**LETTERS TO THE EDITOR**

The combination of low dose of naloxone and morphine in patient-controlled (PCA) does not decrease opioid requirements in the postoperative period
D.R. Mehlisch (USA) 209
Reply to Letter to the Editor
D.B. Carr, M.S. Cepeda (USA) 211

*Number 3 – February 2002*

**TOPICAL REVIEW**

Congenital insensitivity to pain: an update
E.M. Nagasako, A.L. Oaklander, R.H. Dworkin (USA) 213

**RESEARCH PAPERS**

Glutamate-evoked pain and mechanical allodynia in the human masseter muscle
P. Svensson, B.E. Cairns, K. Wang, J.W. Hu, T. Graven-Nielsen, L. Arendt-Nielsen, B.J. Sessle (Denmark, USA, Canada) 221
Cold allodynia and hyperalgesia in neuropathic pain: the effect of *N*-methyl-D-aspartate (NMDA) receptor antagonist ketamine – a double-blind, cross-over comparison with alfentanil and placebo
E. Jørum, T. Warncke, A. Stubhaug (Norway) 229
A dissociative change in the efficacy of supraspinal versus spinal morphine in the neuropathic rat
A. Pertovaara, H. Wei (Finland) 237
Reflexes in sympathetic vasoconstrictor neurones arising from urinary bladder afferents are not amplified early after inflammation in the anaesthetised cat
H.-J. Häbler, W. Jänig (Germany) 251
Gender differences in pressure pain threshold in healthy humans
L.S. Chesterton, P. Barlas, N.E. Foster, G.D. Baxter, C.C. Wright (UK) 259
Reduction of TMD pain by high-frequency vibration: a spatial and temporal analysis
E.A. Roy, M. Hollins, W. Maixner (USA) 267
Effects on muscle pain by intramuscular injection of granisetron in patients with fibromyalgia
M. Ernberg, T. Lundeberg, S. Kopp (Sweden) 275
Differing central amine receptor sensitivity in different migraine subtypes? A neuroendocrine study using buspirone
E.M. Cassidy, E. Tomkins, N. Sharifi, T. Dinan, O. Hardiman, V. O'Keane (Ireland) 283
Work-related beliefs about injury and physical capability for work in individuals with chronic pain
K.E. Vowles, R.T. Gross (USA) 291
The pain vigilance and awareness questionnaire (PVAQ): further psychometric evaluation in fibromyalgia and other chronic pain syndromes
J. Roelofs, M.L. Peters, L. McCracken, J.W.S. Vlaeyen (The Netherlands, UK) 299

**LETTERS TO THE EDITOR**

On dialog between clinicians and basic scientists
M. Devor (Israel) 307
Response to Letter
S.H. Horowitz (USA) 307

**Author Index to Volume 101** 309
**Subject Index to Volume 101** 311
**Contents to Volume 101** 315